



Purge Water Handling Standard Operating Procedure

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Groundwater Monitoring

Purge water is generated when groundwater monitoring is performed regardless of the various sampling protocols. Proper disposal of purge water at each individual site will vary due to the quantities involved and permits for each landfill site.

Below are the purge water protocols to be followed at each individual landfill site for each sampling day:

❖ **Mission Bay Landfill - Standard Purge Sampling Protocol**

- Dispose of purge water into the Boat Launch Area bilge water collection tank located northwest of boat launch ramp.
- A copy of the *Industrial User Discharge Permit* has been obtained from the San Diego Metropolitan Sewerage System Industrial Waste Water Program and shall be carried in the groundwater-sampling clipboard when sampling Mission Bay Landfill groundwater monitoring wells.

❖ **West, North, and South Miramar Landfills - Standard Purge/Low Flow/Low Volume Purging Sampling Protocol**

- Dispose of purge water in the lined section of West Miramar Landfill as necessary following groundwater sampling at these landfills.

❖ **Arizona Street Landfill - Low Flow/Low Volume Purging Sampling Protocol**

- Dispose of purge water in the LFG Condensate collection tank located at the Arizona Street LFG Flare Station in the Pershing Street nursery.
 - Purge water may be pumped or transferred by bucket into the condensate collection tank.
- *Note** - Precautions to prevent accidental spills are to be developed in the field.

❖ **South Chollas Landfill - Low Flow/Low Volume Purging Sampling Protocol**

- Dispose of purge water in the LFG Condensate collection tank located at the South Chollas LFG Flare Station located in the central area of the landfill.
 - Purge water may be pumped or transferred by bucket into the condensate collection tank.
- *Note** - Precautions to prevent accidental spills are to be developed in the field.

Benefit of Compliance to Instruction:

- Compliance with regulatory guidelines
- Ensures safety



Well Sampling Method (Fast Recharging Wells) Standard Operating Procedure

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Consequence of Non-Compliance to Instruction:

- Fines or violations of regulations
- Disciplinary action
- Contamination to environment

Environmental Management System (EMS) –ISO 14001

PROCESS MAP #: GW 1.0, GW 1.1, GW 1.2

Reviewed by: Ray Purtee, *Senior Mechanical Engineer*

Approved by: Steven F. Fontana, *Deputy Environmental Services Director, Refuse Disposal*

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